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Class 186 MERCHANDISING

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- 35 **CUSTOMER SERVICE**
- 36 . Combined services
- 37 . Banking
- 38 . Dining room service
- 39 .. With machine readable means
- 40 .. In a transport vehicle
- 41 .. Drive-in
- 42 .. Dining table structure movable in fixed path
- 43 .. With conveyor cleaner
- 44 .. Menu make-up table
- 45 .. Wheeled carrier
- 46 ... Track guided
- 47 With food carrier elevating means
- 48 Overhead
- 49 .. With conveyor (e.g., belt type)
- 50 ... With food carrier elevating means
- 51 .. With elevator
- 52 . Store service
- 53 .. Drive-in
- 54 .. With cooling room having transparent access door
- 55 .. With remote item dispensing
- 56 ... Machine readable
- 57 .. Relatively movable selection station and merchandise shelving
- 58 .. With order carrier movable on track means
- 59 .. Checkout counter
- 60 ... With conveyor to vehicle loading station
- 61 ... With means enabling price reading
- 62 ... With cart accommodation or handling
- 63 Cart emptying facilitation
- 64 Self-unloading
- 65 With elevating means
- 66 ... With bag storage or bagging support
- 67 ... With turntable
- 68 ... With power driven belt conveyor
- 69 .. With power driven conveyor
- 2 .. Gravity systems
- 3 ... Selective delivery
- 4 ... Tilting track
- 5 Both ends movable
- 6 Pivoted arms

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- 231 .. Dispensing or vending
- 232 ... Operator or payment initiated
- 233 Customized dispensed article (e.g., operator design)
- 234 Demonstration or duplication of article (e.g., software, video)
- 235 Printing on or of dispensed or vended article
- 236 Data collection or reporting (e.g., sales, inventory)
- 237 Authorization (e.g., password, time usage limit, personal identification number (PIN))
- 238 Price adjustment

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Peter Poon

- 5.1 . Intelligence comparison for controlling
- 5.2 .. Authorization control (e.g., entry into an area)
- 5.21 ... Varying authorization
- 5.22 Code programming
- 5.23 Programming from coded record to controller
- 5.24 Using additional record or carrier code
- 5.25 Programming of coded record
- 5.26 Code rotating or scrambling
- 5.27 Rule based input
- 5.28 ... Timed access blocking
- 5.3 ... Having indication of improper access
- 5.31 Lockout or disable
- 5.32 Visual indication
- 5.33 Including link to remote indicator
- 5.4 ... Credit
- 5.41 Banking or finance
- 5.42 Debiting (e.g., rental)
- 5.5 ... Input from central location for plural controlled devices
- 5.51 ... Manual code input
- 5.52 Biometrics
- 5.53 Image (e.g., fingerprint, face)
- 5.54 Password
- 5.55 Rotary input
- 5.6 ... Coded record input (e.g., IC card or key)
- 5.61 Wireless transceiver
- 5.62 Including manual switching means
- 5.63 Including timing means (e.g., clock)
- 5.64 Wireless transmitter
- 5.65 Electronic coded record
- 5.66 Magnetic coded record
- 5.67 Mechanical coded record
- 5.7 ... Access barrier
- 5.71 Garage door
- 5.72 Vehicle door
- 5.73 Lockbox
- 5.74 ... Access to electrical information
- 5.8 .. Authentication (e.g., identity)
- 5.81 ... Personal identification
- 5.82 Biometrics
- 5.83 Image (Fingerprint, Face)
- 5.84 Voice
- 5.85 Password
- 5.86 ... Document authentication
- 5.9 .. Commodity (e.g., vending)
- 5.91 ... Including merchandise information display system (e.g., store price display)
- 5.92 ... Item inventorying


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Class 221 ARTICLE DISPENSING

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- 1 **PROCESSES**
- 2 **WITH RECORDER, REGISTER, INDICATOR, SIGNAL OR EXHIBITOR**
- 3 . Audible
- 4 . Dispenser part position or adjustment indicator
- 5 .. Article selection indicator
- 6 . Empty source indicating means
- 7 . Dispenser operated register
- 8 . Dispenser operated display device
- 9 **AUTOMATIC CONTROL**
- 10 . Of supply to dispenser
- 11 .. By replacing depleted stack with a similar stack
- 12 . Of article releasing outlet closure
- 13 . Of discharge assistant operation
- 14 .. In response to depletion of supply
- 15 **WITH TIMING OR DELAY MECHANISM**
- 16 . Dashpot restrained discharging means
- 17 **WITH EMPTY SUPPLY SOURCE RESPONSIVE MEANS**
- 18 . Having motion inhibitor for discharge means
- 19 .. Latch means
- 20 ... On follower
- 21 **WITH DISPENSER MALFUNCTIONING RESPONSIVE MEANS**
- 22 **SUBSEQUENT ARTICLE SEPARATING MEANS ACTUATED BY ARTICLE REMOVAL**
- 23 . Article operated discharge assistant
- 24 **SIMULATIONS**
- 25 **PROGRESSIVELY DESTROYED CELLULAR MAGAZINE-TYPE SUPPLY SOURCE**
- 26 **WITH ARTICLE TEARING OR DEFORMING SUPPLY RETAINING MEANS**
- 27 **CAPTIVE ARTICLE TYPE**
- 28 . With means to remove articles from point of use
- 29 . Slidable relative to supporting guide
- 30 **WITH CUTTER OR PUNCH**
- 31 . To form outlet opening
- 32 .. Tear strip type
- 33 **CONCURRENT SEPARATION AND DISTORTION OF FLEXIBLE ARTICLE (E.G., NAPKIN HOLDERS)**
- 34 . Plural sources, stacks or compartments
- 35 .. Oppositely faced dispensing outlets
- 36 . By ejecting means
- 37 .. Actuated by source container section movement
- 38 .. Interleaved folds
- 39 .. Preliminary motion in direction away from outlet
- 40 .. Compound motion of ejecting means
- 41 .. Stationary guide or abutment cooperating with leading edge of article

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